

Tuesday, July 15, 2008

Technical Workshops

	Holloway Commons Salmon Falls	Holloway Commons Cochecho	Holloway Commons Lamprey	Holloway Commons Piscataqua	Memorial Union Computer Lab	
	REASoN Project Outcomes (p.m.)	Best Practices in Data and Services Interoperability	Open Track (a.m.) and Client Application Experiences & Lessons Learned (p.m.)	NASA Earth Science Standards Processes Data Systems Working Group	DIAL Workshop	
8:30		Web Service Protocols, Experiences & Best Practices <ul style="list-style-type: none">•Best Practices in REST-Dan Mandl/Pat Cappelaere•Best Practices in SOAP, Brian Wilson/Liping Di/Michael Burnett/Andy Mitchell•WMS, Chris Lynnes•The OGC Web Coverage Service Specification and Its Implementation, Liping Di		8:30 Introduction & Background	The Morning Session will cover an overview of the technology, and hands on with existing modules and prototype applications. The Morning Session will focus on the application authoring system and the logic of design for using this system to create custom applications. A look at Adobe Director 11 and IDL 7 will provide the underpinnings for this effort.	
9:00				8:45-12 - MEASURES & New Missions		
9:30				•Deborah Smith – “Distributed Information Svcs: Climate/Ocean Products for Earth Research”		
10:00		Break		•Rob Raskin – “SWEET”		
10:30		Discovery <ul style="list-style-type: none">•ECHO, Michael Burnett and/or Andy Mitchell•Atom ServiceCasting to advertise Web Services, Brian Wilson (30 minute talk; 30 minute lab)	FGDC Creation - A Hands-On Metadata Creation Experience	•Brian Beckley – “Integrated Multi-Mission Ocean Altimeter Data for Climate Research”		
11:00				•Karl Benedict – “Time-enabled WMS”		
11:30	Best Practices for Developing and Maintaining a Metadata Catalogue System - The GCMD Perspective	•Karen Zanter & Brian Sauer (USGS EROS) – “LDCM Data Processing and Archive Segment”				
12:00		Lunch (Holloway Commons Servery)		•Richard Ullman (GOES-R) – “GOES-R Metadata”		
12:30	Lunch (Holloway Commons Servery)					
1:00		Understanding and Orchestration <ul style="list-style-type: none">•Ontologies for Earth System Science, Rob Raskin•SciFlo workflows, and ECHO Client for space/time granule query, Brian Wilson•GEOBrain BPELPower Workflow Engine, Liping Di		1:30-3:30 - Oceans Session <ul style="list-style-type: none">•Ken Casey - “Jason2/Ocean Surface Topography Mission–Standards Adoption Through Negotiation”•Ed Armstrong - “Data and Metadata Standards for the GHRSSST Project: Present and Future”•Anne Ball - “ IOOS DMAC Standards Process and Lessons Learned” 3:30-4:00 - Break	The Afternoon Session will be a "Create an Application" from parts supplied, and a discussion about individual needs for further shared code and GUI resources. This will delve into the actual programming of Director and IDL and is designed for the inner nerd. Also, the Afternoon Session will discuss new technology efforts to add NASA data services to Adobe Flex programming.	
1:30	The PHAiRS Project-SOA for the Delivery of Regionalized Dust Forecast Data to Public Health Professionals					
2:00	MY NASA DATA-Making Earth Science Data Accessible					
2:30	Break					
3:00	SHAirED - Services for Helping the Air Quality Community Use ESE Data					
3:30	Break					
4:00	Satellite Observations in Science Education-Free Toolkit for Developing Scientific e-Learning Activities	OPeNDAP <ul style="list-style-type: none">•Hyrax Installation and Customization, James Gallagher	Client Application Demos and Interoperability Comparisons	4:00-4:30 - Discussion with Frank Lindsay – Clarifying the HQ Endorsement Process <ul style="list-style-type: none">•Coordination with NASA Standards Website		
4:30						4:30-5:15 - GEOSS SIF with Siri Jodha Khalsa <ul style="list-style-type: none">•What does it mean if a standard shows up in the standards registry?•How does the SIF work with the regional SIFs?
5:00						5:15-6:00 - Discussion – How should the SPG identify vetted, widely used standards for potential SPG adoption?
5:30						
6:00						